

PI 522242. *Medicago sativa* L. FABACEAE Alfalfa

Donated by: Melton, Bill, Agronomy and Horticulture Dept., New Mexico State University, Las Cruces, New Mexico, United States.
Received August 16, 1988.

donor id: MAP. **origin:** United States. **cultivar:** MALONE.
pedigree: Strain crossing Dona Ana and Man-5, related populations sel. from Mesilla, followed by four cycles of recurrent phenotypic sel. from combined resistance to *Phytophthora* root rot. **other id:** CV-155. **group:** CSR-ALFALFA. **remarks:** Flower color almost 100% purple with trace of white. Parentage Turkistan (23%) and Chilean (77%). Fall dormancy similar to Mesilla. Used for hay production in New Mexico. Susceptible to blue alfalfa aphid. Disease resistance high to *Fusarium* wilt. **disease resistance:** Anthracnose (races 1&2) bacterial wilt, *Phytophthora* root rot. **insect resistance:** Spotted alfalfa aphid, high to pea aphid. **nematode resistance:** Moderate to stem (*Ditylenchus dipsaci*). Perennial. Cultivar. Seed.

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donor id: 9D11A. **origin:** United States. **cultivar:** WILSON. **pedigree:** Field stress screening procedure for plants of Zia, Mesilla, Turkistan, Baker, and NC-83-2. **other id:** CV-156. **group:** CSR-ALFALFA. **remarks:** Flower color almost 100% purple with trace of white. Parentage consists of *M. falcata* (1%), *M. varia* (1%), Turkistan (72%), Flemish (1%), Chilean (22%), African (1%), and unknown (2%) genetic sources. Fall dormancy similar to Mesilla. Developed for hay production in New Mexico under deficit levels of irrigation. Susceptible to anthracnose, *Phytophthora* root rot, and blue alfalfa aphid. **disease resistance:** Bacterial wilt, *Fusarium* wilt. **insect resistance:** Pea aphid, moderate to alfalfa, spotted aphid. **nematode resistance:** Moderate to stem (*Ditylenchus dipsaci*). Perennial. Cultivar. Seed.

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Donated by: Woodward, W.T.W., Pioneer Hi-Bred International, Inc., P.O. Box 287, Johnston, Iowa, United States. Received August 16, 1988.